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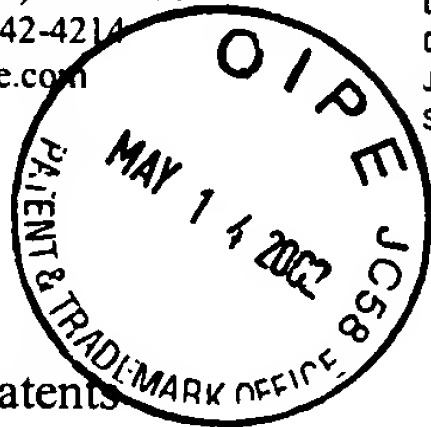
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April 26, 2002

Commissioner for Patents
Box Missing Parts
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/991,099
Title: "MSH4 Ablated Mice and Uses Therefor"
Inventors: Jeffrey W. Pollard *et al.*
Filing Date: November 21, 2001
Our Reference No. AHN-010

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Notice To File Missing Parts of Nonprovisional Application (in duplicate);
2. Executed Declaration, Petition and Power of Attorney (four copies, 7 pages each);
3. Transmittal Letter for Diskette Containing Sequence Listing (1 page);
4. 1 page of Sequence Listing (Paper Copy);
5. Diskette Containing Computer Readable Copy of Sequence Listing;
6. Seven (7) Sheets of Formal Drawings (Figures 1-8);
7. Copy of Notice to File Missing Parts of Nonprovisional Application (Formalities Letter);
8. Request for 2 month extension of time (in duplicate);
9. Statement of Limited Recognition Under 37 C.F.R. §10.9(b);
10. Check for \$130.00 (surcharge fee);
11. Check for \$400.00 (extension fee); and
12. Pre-paid acknowledgment postcard.

COPY OF PAPERS
ORIGINALLY FILED

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *For this purpose, a duplicate of this sheet is enclosed.*

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box Missing Parts, Washington, DC 20231 on:

April 26, 2002
Date

Maria C. Laccotripe
Limited Recognition Under 37 C.F.R. § 10.9(b)

LAHIVE & COCKFIELD, LLP

Attorneys at Law

By:

Maria C. Laccotripe, Ph.D.
Attorney for Applicants
Limited Recognition Under 37 C.F.R. §10



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the application of: Jeffrey W. Pollard *et al.*

Serial No.: 09/991,099

Filed: November 21, 2001

For: *MSH4 Ablated Mice and Uses Therefor*

Attorney Docket No.: AHN-010

Group Art Unit: 1632

Examiner: Not Yet Assigned

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Commissioner for Patents
Washington, D.C. 20231

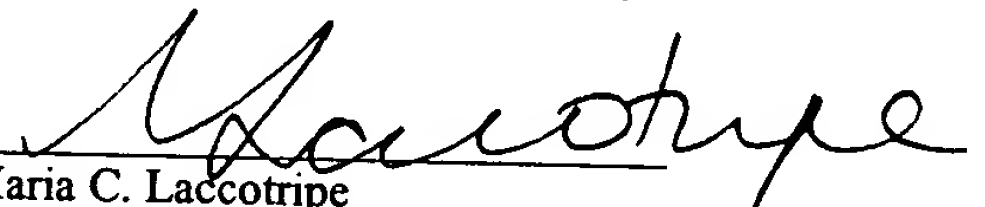
Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX MISSING PARTS, Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

April 26, 2002

Date of Signature and of Mail Deposit

By:


Maria C. Laccotripe
Limited Recognition Under 37 C.F.R. § 10.9(b)

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NON-PROVISIONAL APPLICATION**

Dear Sir:

Responsive to the Notice to File Missing Parts of Non-Provisional Application dated December 26, 2001, Applicants' attorney submits herewith the executed Declaration, Petition and Power of Attorney for the above-identified patent application. A check in the amount of \$130.00 is enclosed to cover the total amount owed by Applicants for the \$130.00 surcharge. A copy of the Formalities Letter is also enclosed. A separate request for a two-month extension of time is being filed concurrently herewith.

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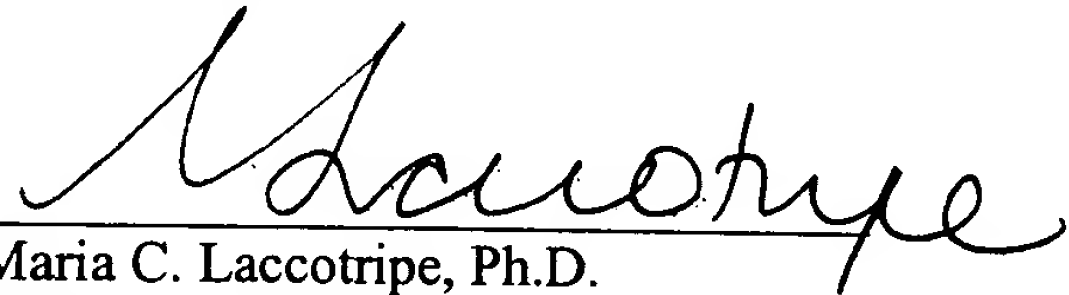
Response to Notice to File Missing Parts
Serial No. 09/991,099
Page 2 of 2

Group Art Unit: 1632

The Commissioner is hereby authorized to charge payment of any fees under 37 C.F.R. 1.16 and 1.17 during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 12-0080. A duplicate of this letter is enclosed.

Respectfully submitted,



Maria C. Laccotripe, Ph.D.

Attorney for Applicants

Limited Recognition Under 37 C.F.R. §10.9(b)

LAHIVE & COCKFIELD, LLP
28 State Street
Boston, MA 02109
Tel. (617) 227-7400

Dated: April 26, 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 2023
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/991,099	11/21/2001	Jeffrey W. Pollard	AHN-010

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109



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CONFIRMATION NO. 2879

FORMALITIES LETTER



OC000000007231630

Date Mailed: 12/26/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

05/16/2002 BABRAHA1 00000132 09991099

FILED UNDER 37 CFR 1.53(b)

01 FC:105

130.00 DP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

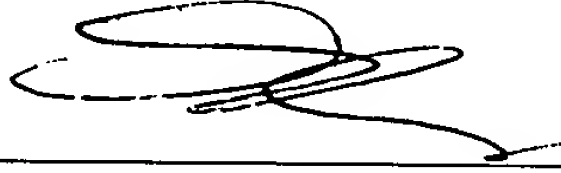
The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Softwar , call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Maria C. Laccotripe is hereby given limited recognition under 37 CFR §10.9(b) as an employee of Lahive & Cockfield, LLP, to prepare and prosecute patent applications where the patent applicant is the client of Lahive & Cockfield, LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Lahive & Cockfield, LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Maria C. Laccotripe ceases to lawfully reside in the United States, (ii) Maria C. Laccotripe's employment with Lahive & Cockfield, LLP ceases or is terminated, or (iii) Maria C. Laccotripe ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: September 4, 2002

Harry I. Moatz

Director of Enrollment and Discipline

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